

A GLASS PRODUCT FOR USE IN ULTRA-THIN GLASS DISPLAY
APPLICATIONS

ABSTRACT OF THE INVENTION

The present invention is directed to a substrate product for use in the manufacture of active matrix liquid crystal display panels. The product includes a display substrate suitable for use as a display panel. The display substrate has a thickness less than or equal to 0.4mm, a composition that is substantially alkali free, and a surface smoothness that allows the direct formation of thin-film transistors thereon without a prior processing step of polishing and/or grinding. The product also includes at least one support substrate removably attached to the display substrate.